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(54) Title: T CELL RECEPTOR CDR3 SEQUENCES AND METHODS FOR DETECTION

(57) Abstract: The present invention relates generally to the field of treating autoimmune diseases, such as multiple sclerosis (MS), rheumatoid arthritis (RA) and others. Methods of treating and monitoring an autoimmune disease by utilizing T-cell receptors peptides are disclosed. Nucleic acid and peptide sequences of T-cell receptors found in a population of MS patients are also disclosed.